

# RIDA<sup>®</sup> AllergyScreen

Allergy Panels for analysing  
specific IgE in human serum

## Standard Panels

## Standard Panel 1

“Different allergens” - Art. No.: A2142

	Positive control
D1	Dermatophagoides pteronyssinus
D2	Dermatophagoides farinae
T2	Alder
T3	Birch
T4	Hazel
GX	Grass-mix
G12	Rye pollens
W6	Mugwort pollens
W9	Plantain
E1	Cat (epithelia/hair)
E3	Horse (epithelia/hair)
E5	Dog (epithelia/hair)
M6	Alternaria alternata
F1	Egg white (albumen)
F2	Milk (pasteurised)
F13	Peanut
F17	Hazelnut
F31	Carrot
F4	Wheat-flour
F14	Soya beans

### Test performance

- Addition of 250µl serum to the reaction vessel – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Detection antibody – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Streptavidin conjugate – Incubation 20 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Substrate – Incubation 20 minutes at RT on a horizontal shaker in the dark
- Stopping the reaction by rinsing with water and Analysis (visually or densitometrically)

### Statistical data

Comparison with the IgE reference system:		Comparison with the skin-prick test:	
Sensitivity:	84.3%	Sensitivity:	95.1%
Specificity:	95.0%	Specificity:	80.2%
Accuracy:	90.6%	Accuracy:	88.3%

**Instrumentation for quantitative analyses obtainable from your local distributor of R-Biopharm!!**  
**Individual Panels on request!!**

## Standard Panel 2

“Respiratory allergens” - Art. No.: A2242

	Positive control
D1	Dermatophagoides pteronyssinus
D2	Dermatophagoides farinae
T2	Alder
T3	Birch
T4	Hazel
T7	Oak (pollens)
GX	Mixed Grass
G12	Rye (pollen)
W6	Mugwort
W9	Plantain
E1	Cat
E3	Horse
E5	Dog
E6	Guinea Pig
E84	Golden hamster
E82	Rabbit
M1	Penicillium notatum
M2	Cladosporium herbarum
M3	Aspergillus fumigatus
M6	Alternaria alternata

### Test performance

- Addition of 250µl serum to the reaction vessel – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Detection antibody – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Streptavidin conjugate – Incubation 20 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Substrate – Incubation 20 minutes at RT on a horizontal shaker in the dark
- Stopping the reaction by rinsing with water and Analysis (visually or densitometrically)























### Statistical data

Comparison with the IgE reference system:		Comparison with the skin-prick test:	
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Specificity:	95.0%	Specificity:	80.2%
Accuracy:	90.6%	Accuracy:	88.3%

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**Individual Panels on request!!**

## Standard Panel 3

“Food allergens” - Art. No.: A2342

		Positive control
F17		Hazel nut
F13		Peanut
F16		Walnut
F20		Almond
F2		Milk (pasteurised)
F1		Egg white
F75		Egg yolk
F78		Casein
F35		Potatoes
F85		Celery
F31		Carrots
F25		Tomatoe
F3		Codfish
F23		Crab
F33		Orange
F49		Apple
F4		Wheat flour
F5		Rye meal
F10		Sesame seed
F14		Soya beans
		

### Test performance

- Addition of 250µl serum to the reaction vessel – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Detection antibody – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Streptavidin conjugate – Incubation 20 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Substrate – Incubation 20 minutes at RT on a horizontal shaker in the dark
- Stopping the reaction by rinsing with water and Analysis (visually or densitometrically)

### Statistical data

Comparison with the IgE reference system:		Comparison with the skin-prick test:	
Sensitivity:	84.3%	Sensitivity:	95.1%
Specificity:	95.0%	Specificity:	80.2%
Accuracy:	90.6%	Accuracy:	88.3%

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**Individual Panels on request!!**

## Standard Panel 4

“Paediatric panel” - Art. No.: A2442

	Positive control
D1	Dermatophagoides pteronyssinus
D2	Dermatophagoides farinae
T3	Birch
GX	Mixed grasses
E1	Cat
E5	Dog
M6	Alternaria alternata
F2	Milk
F76	$\alpha$ -Lactoalbumin
F77	$\beta$ -Lactoglobulin
F78	Casein
F1	Egg white
F75	Egg yolk
E204	Bovine serum albumin
F14	Soya beans
F31	Carrots
F35	Potatoes
F4	Wheat flour
F17	Hazel nut
F13	Peanuts

### Test performance

- Addition of 250 $\mu$ l serum to the reaction vessel – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Detection antibody – Incubation 45 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Streptavidin conjugate – Incubation 20 minutes at RT on a horizontal shaker
- Washing
- Addition of 5 drops AllergyScreen Substrate – Incubation 20 minutes at RT on a horizontal shaker in the dark
- Stopping the reaction by rinsing with water and Analysis (visually or densitometrically)

### Statistical data

Comparison with the IgE reference system:	Comparison with the skin-prick test:
Sensitivity: 84.3%	Sensitivity: 95.1%
Specificity: 95.0%	Specificity: 80.2%
Accuracy: 90.6%	Accuracy: 88.3%

**Instrumentation for quantitative analyses obtainable from your local distributor of R-Biopharm!!**  
**Individual Panels on request!!**